

Computer Storage Device Manufacturing: 2002

Issued August 2004

EC02-311-334112

2002 Economic Census

Manufacturing

Industry Series



USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix

Tables

1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002	2
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002	5
6a. Products Statistics: 2002 and 1997	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	7
7. Materials Consumed by Kind: 2002 and 1997.....	8

Appendixes

A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997	F-1

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
334112, Computer storage device manufacturing	2002..	156	170	26 031	1 577 982	9 950	20 075	368 906	4 687 947	4 723 742	9 379 461	501 925
2001..	N	N	N	35 332	1 617 183	14 543	29 781	479 537	6 575 884	6 396 874	13 346 861	592 088
2000..	N	N	N	32 296	1 731 262	14 988	30 455	497 599	7 987 629	7 704 248	15 502 111	680 067
1999..	N	N	N	37 044	1 712 821	18 486	37 538	609 897	7 225 763	8 611 938	15 711 040	916 068
1998..	N	N	N	45 361	2 066 595	19 765	52 349	669 116	7 982 995	10 415 242	18 420 080	1 200 602
1997..	203	212	N	42 012	1 910 310	20 428	42 986	622 177	7 386 606	8 036 209	15 354 924	1 386 644

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
334112, Computer storage device manufacturing												
United States	—	170	68	26 031	1 577 982	9 950	20 075	368 906	4 687 947	4 723 742	9 379 461	501 925
California	—	71	31	10 945	807 821	3 050	5 495	132 845	2 191 875	1 984 383	4 233 494	286 480
Colorado	1	12	8	3 005	134 181	1 116	2 230	28 969	573 230	588 027	1 123 208	63 412
Florida	9	5	1	126	7 610	38	70	1 249	24 713	20 057	44 770	2 376

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
334112, Computer storage device manufacturing	
Companies ¹	number.. 156
All establishments ²	number.. 170
Establishments with 1 to 19 employees	number.. 102
Establishments with 20 to 99 employees	number.. 40
Establishments with 100 employees or more	number.. 28
All employees ³	number.. 26 031
Total compensation	\$1,000.. 1 914 334
Annual payroll	\$1,000.. 1 577 982
Total fringe benefits	\$1,000.. 336 352
Production workers, average for year	number.. 9 950
Production workers on March 12	number.. 10 219
Production workers on May 12	number.. 10 021
Production workers on August 12	number.. 9 775
Production workers on November 12	number.. 9 774
Production worker hours	1,000.. 20 075
Production worker wages	\$1,000.. 368 906
Total cost of materials	\$1,000.. 4 723 742
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 409 814
Resales	\$1,000.. 1 206 244
Purchased fuels	\$1,000.. 4 123
Purchased electricity	\$1,000.. 62 310
Contract work	\$1,000.. 41 251
Quantity of electricity purchased for heat and power	1,000 kWh.. 888 695
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 375
Total value of shipments	\$1,000.. 9 379 461
Primary products value of shipments	\$1,000.. 6 948 082
Secondary products value of shipments	\$1,000.. 227 942
Total miscellaneous receipts	\$1,000.. 2 203 437
Value of resales	\$1,000.. 2 093 790
Contract receipts	\$1,000.. 6 342
Other miscellaneous receipts	\$1,000.. 103 305
Primary products specialization ratio	percent.. 97
Value of primary products shipments made in all industries	\$1,000.. 7 574 476
Value of primary products shipments made in this industry	\$1,000.. 6 948 082
Value of primary products shipments made in other industries	\$1,000.. 626 394
Coverage ratio	percent.. 92
Value added	\$1,000.. 4 687 947
Total inventories, beginning of year	\$1,000.. 1 200 452
Finished goods inventories	\$1,000.. 309 359
Work-in-process inventories	\$1,000.. 513 491
Materials and supplies inventories	\$1,000.. 377 602
Total inventories, end of year	\$1,000.. 1 181 304
Finished goods inventories	\$1,000.. 282 050
Work-in-process inventories	\$1,000.. 573 028
Materials and supplies inventories	\$1,000.. 326 226
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 3 180 662
Total capital expenditures (new and used)	\$1,000.. 501 925
Buildings and other structures (new and used)	\$1,000.. 40 769
Machinery and equipment (new and used)	\$1,000.. 461 156
Automobiles, trucks, etc., for highway use	\$1,000.. 6 099
Computers and peripheral data processing equipment	\$1,000.. 62 756
All other expenditures for machinery and equipment	\$1,000.. 392 301
Total retirements	\$1,000.. 296 832
Gross value of depreciable assets at end of year	\$1,000.. 3 385 755
Depreciation charges during year	\$1,000.. 278 601
Total rental payments	\$1,000.. 114 248
Buildings and other structures	\$1,000.. 44 040
Machinery and equipment	\$1,000.. 70 208
Total other expenses ⁴	\$1,000.. 452 229
Response coverage ratio ⁵	percent.. 76
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 51 492
Communications services ⁴	\$1,000.. 11 507
Legal services ⁴	\$1,000.. 7 379
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 3 258
Advertising and promotional services ⁴	\$1,000.. 27 884
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 11 740
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 3 055
Management consulting and administrative services ⁴	\$1,000.. 30 056
Taxes and license fees ⁴	\$1,000.. 19 503
All other expenses ⁴	\$1,000.. 286 355

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
334112, Computer storage device manufacturing											
All establishments	—	170	26 031	1 577 982	9 950	20 075	368 906	4 687 947	4 723 742	9 379 461	501 925
Establishments with—											
1 to 4 employees	8	64	140	7 061	66	119	1 782	23 984	22 102	46 146	1 980
5 to 9 employees	8	20	130	7 339	44	87	1 119	20 147	16 128	37 818	3 468
10 to 19 employees	6	18	263	15 799	102	215	4 093	47 657	32 440	80 456	3 489
20 to 49 employees	6	26	813	48 144	325	719	10 588	128 572	95 533	224 293	9 150
50 to 99 employees	5	14	988	53 711	495	995	17 713	199 683	164 394	346 225	16 685
100 to 249 employees	4	7	1 115	72 020	304	591	10 041	148 494	124 397	270 709	11 356
250 to 499 employees	—	8	2 809	191 305	1 004	2 083	40 517	586 623	849 212	1 442 041	91 719
500 to 999 employees	—	7	4 976	284 564	2 295	4 977	89 444	896 516	641 582	1 532 443	101 698
1,000 to 2,499 employees	—	5	i	D	D	D	D	D	D	D	D
2,500 employees or more	—	1	i	D	D	D	D	D	D	D	D
Administrative records ⁴	9	73	388	20 884	162	322	3 809	67 342	54 638	121 982	6 326

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
334112	Computer storage device manufacturing	170	26 031	1 577 982	9 950	20 075	368 906	4 687 947	4 723 742	9 379 461	501 925
3341121	Computer storage devices (except parts, attachments, and accessories)	37	10 134	550 059	3 832	7 949	133 358	2 189 243	2 799 861	4 901 682	135 119
3341124	Parts, attachments, and accessories for computer storage devices	14	14 199	931 572	5 451	10 730	216 719	2 220 083	1 704 592	3 977 962	340 145

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334112	Computer storage device manufacturing	2002.. N	X	X	7 574 476
	..... 1997.. N	N	X	X	13 228 758
3341121	Computer storage devices (except parts, attachments, and accessories)	2002.. N	X	X	5 414 040
	..... 1997.. N	N	X	X	10 406 775
33411211	Computer storage devices (except parts, attachments, and accessories)	2002.. N	X	X	5 414 040
	..... 1997.. N	N	X	X	10 406 775
3341121100	Computer storage devices (except parts, attachments, and accessories) ¹	2002.. 53	X	X	5 414 040
	..... 1997.. 90	90	X	X	10 406 775
3341124	Parts, attachments, and accessories for computer storage devices	2002.. N	X	X	1 722 735
	..... 1997.. N	N	X	X	2 340 307
33411241	Parts, attachments, and accessories for computer storage devices	2002.. N	X	X	1 722 735
	..... 1997.. N	N	X	X	2 340 307
3341124100	Parts, attachments, and accessories for computer storage devices ¹	2002.. 26	X	X	1 722 735
	..... 1997.. 38	38	X	X	2 340 307
334112W	Computer storage device manufacturing, nsk, total	2002.. N	X	X	437 701
	..... 1997.. N	N	X	X	481 676
334112WY	Computer storage device manufacturing, nsk, total	2002.. N	X	X	437 701
	..... 1997.. N	N	X	X	481 676
334112WYWW	Computer storage device manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	334 010
	..... 1997.. N	N	X	X	413 113
334112WYWY	Computer storage device manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	103 691
	..... 1997.. N	N	X	X	68 563

¹For additional detail, see Current Industrial Report MA334R, Computers and Office and Accounting Machines.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3341121	Computer storage devices (except parts, attachments, and accessories)	
	United States..... 2002..	5 414 040
	..... 1997..	10 406 775
	California 2002..	1 258 712
	..... 1997..	2 067 843
	Colorado 2002..	841 856
	..... 1997..	2 311 895
3341124	Parts, attachments, and accessories for computer storage devices	
	United States..... 2002..	1 722 735
	..... 1997..	2 340 307
	California 2002..	1 070 757
	..... 1997..	1 144 118

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
334112	Computer storage device manufacturing		
00900001	Total materials .....2002..	X	3 409 814
	.....1997..	X	6 148 089
33441103	Cathode ray tubes (CRT) and all other transmittal, industrial, and special purpose electron tubes (excluding X-ray) .....2002..	X	D
	.....1997..	X	D
33441200	Printed circuit boards (without inserted components) for electronic circuitry .....2002..	X	41 756
	.....1997..	X	45 560
001900C3	Printed memory boards for electronic circuitry .....2002..	X	20 096
	.....1997..	X	19 729
001900C6	Printed peripheral controllers (graphic boards, drive controllers, etc.) for electronic circuitry .....2002..	X	21 640
	.....1997..	X	85 543
001900C7	Printed computer processors (system boards, array processors, etc.) for electronic circuitry .....2002..	X	D
	.....1997..	X	27 333
001900C5	Printed communication boards (LAN boards, D/A and A/D converters, etc.) for electronic circuitry .....2002..	X	D
	.....1997..	X	823
001900D1	Other printed circuit boards (loaded boards, subassemblies, and modules) for electronic circuitry .....2002..	X	D
	.....1997..	X	33 687
33441300	Semiconductors (including transistors, diodes, rectifiers, and integrated circuits), for electronic circuitry .....2002..	X	227 144
	.....1997..	X	84 010
33441400	Capacitors for electronic circuitry .....2002..	X	D
	.....1997..	X	1 960
33441500	Resistors for electronic circuitry .....2002..	X	1 664
	.....1997..	X	1 271
33441700	Connectors for electronic circuitry .....2002..	X	1 605
	.....1997..	X	4 465
33400017	Battery packs for electronic circuitry .....2002..	X	719
	.....1997..	X	1 885
001900D2	Other power supply units for electronic circuitry .....2002..	X	37 165
	.....1997..	X	35 715
001900B8	Other components and accessories, for electronic circuitry (coils, transformers, transducers, switches, etc), excluding tubes .....2002..	X	D
	.....1997..	X	D
001900B1	Electrical transmission, distribution, and control equipment .....2002..	X	D
	.....1997..	X	4 258
33232201	Steel, aluminum, and other metal electronic enclosures .....2002..	X	56 852
	.....1997..	X	59 331
32619901	Plastics electronic enclosures .....2002..	X	1 191
	.....1997..	X	D
33200003	Sheet metal products, including stampings (excluding enclosures) .....2002..	X	8 035
	.....1997..	X	52 558
33200017	All other fabricated metal products (excluding forgings) .....2002..	X	D
	.....1997..	X	D
33100035	Castings, rough and semifinished .....2002..	X	D
	.....1997..	X	6 184
33100033	Metal shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	D
331000A9	Insulated copper wire and cable (including magnet wire) .....2002..	X	11 185
	.....1997..	X	7 514
32610031	Fabricated plastics products (excluding enclosures) .....2002..	X	D
	.....1997..	X	D
33461100	Purchased software .....2002..	X	D
	.....1997..	X	D
33593103	Appliance outlets, switches, lampholders, and other current-carrying wiring devices .....2002..	X	D
	.....1997..	X	D
33531201	Electric motors and generators .....2002..	X	14 457
	.....1997..	X	48 936
32200001	Paper and paperboard products (including paperboard boxes, containers, and corrugated paperboard) .....2002..	X	29 285
	.....1997..	X	7 417
33411101	Purchased computers .....2002..	X	D
	.....1997..	X	D
33411200	Purchased peripheral storage devices .....2002..	X	893 523
	.....1997..	X	2 204 984
33411300	Purchased computer terminals .....2002..	X	D
	.....1997..	X	D
33411903	Purchased peripheral input devices (including keyboards, mouse devices, track balls, etc.) .....2002..	X	1 532
	.....1997..	X	D
33411905	Purchased peripheral printers .....2002..	X	D
	.....1997..	X	31
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	1 249 687
	.....1997..	X	1 111 097
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	392 649
	.....1997..	X	1 730 041

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.